



1614

PTO/SB/21 (09-06)

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission	4	Application Number	09/827,428-Conf. #6098
		Filing Date	April 6, 2001
		First Named Inventor	Seth J. ORLOW
		Art Unit	1614
		Examiner Name	A. A. Lewis

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Return Receipt Postcard
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement	<input type="checkbox"/> Request for Refund	SB/08
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	4 References
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	WILMER CUTLER PICKERING HALE AND DORR LLP		
Signature			
Printed name	Ann-Louise Kerner, Ph.D.		
Date	4/19/07	Reg. No.	33,523

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: 19 April 2007

Signature: (Stephanie N. Douglas)



PTO/SB/17 (02-07)

Approved for use through 02/28/2007. OMB 0651-0032

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		Complete if Known	
FEE TRANSMITTAL For FY 2007		Application Number	09/827,428-Conf. #6098
		Filing Date	April 6, 2001
		First Named Inventor	Seth J. ORLOW
		Examiner Name	A. A. Lewis
<input type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27		
TOTAL AMOUNT OF PAYMENT		(\$)	180.00
		Attorney Docket No.	
		PFI-016CIP (291472.124US1)	

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

	FILING FEES		SEARCH FEES		EXAMINATION FEES		
<u>Application Type</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fees Paid (\$)</u>
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>
_____	- = _____	x _____	= _____	_____
HP = highest number of total claims paid for, if greater than 20.				_____
<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Fee (\$)</u>
_____	- = _____	x _____	= _____	_____
HP = highest number of independent claims paid for, if greater than 3.				_____

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/50	(round up to a whole number) x		=

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement 180.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	33,523	Telephone	(617) 526-6000
Name (Print/Type)	Ann-Louise Kerner, Ph.D.		Date	4/19/07	

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Dated: 19 April 2007 Signature: *Stephanie M Douglas* (Stephanie M. Douglas)

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Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria,
VA 22313-1450.

Dated: 19 April 2007

Signature:

(Stephanie R. Douglas)



Docket No.: PFI-016CIP (291472.124US1)
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Seth J. ORLOW et al. Confirmation No.: 6098
Application No.: 09/827,428 Art Unit: 1614
Filed: April 6, 2001 Examiner: A. A. Lewis
Title: METHODS AND COMPOSITIONS THAT AFFECT MELANOGENESIS

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits and before the mailing date of a final Office Action or a Notice of Allowance.

Please charge the \$180.00 fee to our Deposit Account No. 08-0219.

Applicants request that the Examiner initial and return a copy of the enclosed Form PTO SB-08 with the next communication.

Respectfully submitted,

Dated: 4/19/07

Ann-Louise Kerner
Ann-Louise Kerner, Ph.D.
Registration No.: 33,523
Attorney for Applicant(s)

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04/24/2007 R#FERRAHT 000000006 080219 09827428

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PTO/SB/08A/B (09-06)

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Substitute for form 1449/PTO				Complete if Known	
				Application Number	09/827,428-Conf. #6098
				Filing Date	April 6, 2001
				First Named Inventor	Seth J. ORLOW
				Art Unit	1614
				Examiner Name	A. A. Lewis
Sheet	1	of	1	Attorney Docket Number	PFI-016CIP (291472.124US1)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)	MM-DD-YYYY		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	CA	BOROVANSKY, et al., "Melanogenesis in Transfected Fibroblasts Induces Lysosomal Activation", Arch Dermatol. Res., 289:145-150 (1997)			
	CB	DENNELL, "Weismann's Ring and the Control of Tyrosinase Activity in the Larva of Calliphora Erythrocephala", Proceedings of the Royal Society of London, 136(882):94-109 (1949)			
	CC	IMOKAWA, "Analysis of Initial Melanogenesis Including Tyrosinase Transfer and Melanosome Differentiation Through Interrupted Melanization by Glutathione", Journal of Investigative Dermatology, 93(1):100-107 (1989)			
	CD	PALUMBO, et al., "Subcellular Localization and Function of Melanogenic Enzymes in the Ink Gland of Sepia Officinalis", Biochem J., 323:749-756 (1997)			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
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